



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/612,420      | 07/03/2003  | Sei Jeon III         | 1594.1253           | 3594             |

21171 7590 07/13/2004

STAAS & HALSEY LLP  
SUITE 700  
1201 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005

EXAMINER

VAN, QUANG T

ART UNIT PAPER NUMBER

3742

DATE MAILED: 07/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/612,420

Applicant(s)

JEON, SEI

Examiner

Quang T Van

Art Unit

3742

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 28 and 29 is/are allowed.
- 6) ☒ Claim(s) 1-8, 11-19 and 24-27 is/are rejected.
- 7) ☒ Claim(s) 9, 10 and 20-23 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 July 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 7/03/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

Art Unit: 3742

***Priority***

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

***Drawings***

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: "206" recited in figure 3 is not mentioned in the specification. Corrected drawing sheets, or amendment to the specification to add the reference character(s) in the description, are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Art Unit: 3742

4. Claims 1-3, 12-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Mariyama (US 4,349,715). Mariyama discloses a cassette tape controlled microwave cooking apparatus comprising an audio player (14); a body (11) with a player seat to which the audio player (18) is attached and from which the audio player (18) is detached; and at least one speaker (24) to output sound signals reproduced by the audio player (18).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 4-5, 14-15 and 25-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mariyama (US 4,349,715) in view of Jonic (US 5,506,563).

Mariyama discloses substantially all features of the claimed invention except the audio player has a first connector to electrically connect the audio player to the player seat, the first connector receiving power and transmitting the sound signals; the player seat of the body has a second connector supplying power to the audio player and receiving the sound signals. Jonic discloses an audio player (11) has a first connector (21) to electrically connect the audio player (11) to the player seat (12), the first connector (21) receiving power and transmitting the sound signals; the player seat (12) of the body has a second connector (22) supplying power to the audio player and receiving the sound signals. It would have been obvious to one having ordinary skill in the art at the time the

Art Unit: 3742

invention was made to utilize in Mariyama an audio player has a first connector to electrically connect the audio player to the player seat, the first connector receiving power and transmitting the sound signals; the player seat of the body has a second connector supplying power to the audio player and receiving the sound signals as taught by Jonic in order to connect power to the audio player and transmit the sound signals to the speaker. With regard to claims 5 and 15, an audio output terminal to connect an external speaker to the body. It would have been obvious to one having ordinary skill in the art at the time the invention was made to have an audio output terminal to connect an external speaker. Doing so would provide more sound signal outputs.

7. Claims 6-8, 16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mariyama (US 4,349,715) in view of Murayama (US 4,630,160). Mariyama discloses substantially all features of the claimed invention except an ejector button to remove the audio player attached to the player seat. Murayama discloses lock means (26) to remove audio player (52) attached to the player seat (24). It would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize in Mariyama lock means to remove the audio player attached to the player seat as taught by Murayama in order to secure detaching and attaching the audio player to the player seat. Murayama discloses lock means (26) instead of an eject button. It would have been obvious to one having ordinary skill in the art to replace an eject button for lock. Doing so would provide more convenient for the place does not require security to the audio player.

Art Unit: 3742

8. Claims 11, 19 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mariyama (US 4,349,715) in view of Schotz et al (US 5,946,343). Mariyama discloses substantially all features of the claimed invention except wireless transmitting/receiving units respectively in both the audio player and the body. Schotz discloses wireless transmitting/receiving units respectively in both the audio player (26) and the body (24). It would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize in Mariyama wireless transmitting/receiving units respectively in both the audio player and the body as taught by Schotz in order to improve a high quality audio in a variety of locations without the need of independent stereos or external wires.

9. Claim 24 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mariyama (US 4,349,715) in view of Maeda et al (US 5,981,929). Mariyama discloses substantially all features of the claimed invention except the microwave oven is combined with a range hood. Maeda discloses a microwave oven is combined with a range hood (abstract, lines 2-3). It would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize in Mariyama a microwave oven is combined with a range hood as taught by Maeda in order to improve a ventilation and cooling of microwave oven.

10. Claims 9-10, and 20-23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

11. Claims 28-29 are allowed.

Art Unit: 3742

12. The following is a statement of reasons for the indication of allowable subject matter: the prior art of record does not show or suggest the audio player is closed by rotating the audio player toward the cooking apparatus, the audio player control panel being covered when the audio player is closed, and the audio player control panel being exposed when the audio player is opened as recited in claims 9-10; a grille formed in the body to draw external air used to cool the electrical component area, wherein the one or more speakers are installed behind the grill as recited in claims 20-23; and the step of attaching the audio player by inserting the audio player into the player seat, with the audio player connector interlocking with the player seat connector, and pushing the audio player toward the cooking apparatus, with top end of the audio player rotating into the body of the cooking apparatus and detaching the audio player by pressing the ejection button, the top end of the audio player rotating away from the cooking apparatus, and removing the audio player from the player seat as recited in claims 28-29.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang T Van whose telephone number is 703-306-9162. The examiner can normally be reached on 8:00Am 7:00Pm M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robin Evans can be reached on 703-305-5766. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3742

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*QV*

QV

July 9, 2004

*Quang T Van*

Quang T Van  
Primary Examiner  
Art Unit 3742